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DATE: August 2, 2007

TO: Mail Stop Amendment
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

RE: Examiner: Shubo ZHOU, Group Art Unit: 1631
 U.S. Patent Application No. 10/672,937
 Filed: September 26, 2003
 Confirmation No.: 9457
 Attorney Docket No.: ABIOS.042A (5010-350)

FROM: Scott D. Balderton, Esq. *SDB*

FAC. NO.: (571) 273-8300

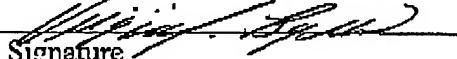
NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 20

Items Attached: Transmittal Form 1 page
 Amendment and Reply 18 pages

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Virginia J. Byers

Printed Name:



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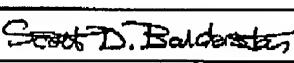
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Total Number of Pages In This Submission 19 Attorney Docket Number BIOS.042A (5010-350)

ENCLOSURES (check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or individual name	Scott D. Balderston, Esq.		
Signature			
Date	August 2, 2007		

CERTIFICATE OF MAILING

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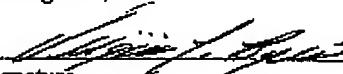
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/672,937	Confirmation No.:	9457
Applicants	:	Timothy B. STOCKWELL et al.		
Filed	:	September 26, 2003		
TC/A.U.	:	1631		
Examiner	:	Shubo ZHOU		
Attorney Docket No.	:	ABIOS.042A (5010-350)		
Customer No.:		35411		

AMENDMENT AND REPLY

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

August 2, 2007

Sir:

This Amendment and Reply is in response to the Office Action mailed May 2, 2007, for which the Examiner has set a three-month period for response, thus making a response due on or before August 2, 2007.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 15 of this paper.